

Claims:

1. An organic electroluminescent element comprising an organic luminescent material having electroluminescent characteristics and which suppresses generation of ultraviolet light, wherein the organic luminescent material is made only of a material that emits light having a wavelength of no less than 380 nm and no more than 800 nm.

10 2. The organic electroluminescent element according to claim 1, wherein the organic luminescent material is one of a plurality of organic luminescent materials which are contained in the organic electroluminescent element, and wherein each organic luminescent material emits light the 15 color of which is different from the color of light emitted from at least one of the other organic luminescent materials.

20 3. The organic electroluminescent element according to claim 1, wherein the organic luminescent material is one of a plurality of organic luminescent materials which are contained in the organic electroluminescent element, and wherein each organic luminescent material emits light having a peak wavelength that is different from the peak wavelength of 25 light emitted from at least one of the other organic luminescent materials.

30 4. The organic electroluminescent element according to claim 1, wherein the organic luminescent material is one of a plurality of organic luminescent materials which are contained in the organic electroluminescent element, and wherein the organic luminescent materials include an organic luminescent material that emits red light, an organic luminescent material that emits blue light, and an organic luminescent material that emits green light.

5. A lighting system for suppressing generation of ultraviolet light, the lighting system comprising:  
a substrate; and  
an organic electroluminescent element located on the  
5 substrate, wherein the organic electroluminescent element includes an organic luminescent material having electroluminescent characteristics and suppresses generation of ultraviolet light, and wherein the organic luminescent material is made only of a material that emits light having a  
10 wavelength of no less than 380 nm and no more than 800nm.

6. The lighting system according to claim 5, wherein the lighting system is used for lighting a place where attraction of insects is not desired.  
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7. The lighting system according to claim 5, wherein the lighting system is used for lighting a place where a patient having a light-sensitive disorder is likely to be exposed to light.  
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8. The lighting system according to claim 5, wherein the lighting system is used for lighting a place where a patient having xeroderma pigmentosum syndrome is likely to be exposed to light.  
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9. The lighting system according to claim 5, wherein the lighting system is used for lighting an exhibit.

10. An organic electroluminescent element comprising a  
30 plurality of organic luminescent materials having electroluminescent characteristics and which suppresses generation of ultraviolet light, wherein the organic luminescent materials are made only of materials that emit light having a wavelength of no less than 380 nm, and wherein  
35 light emitted from at least one of the organic luminescent

materials has a wavelength of no more than 800 nm.

11. The organic electroluminescent element according to claim 10, wherein each organic luminescent material emits light the color of which is different from the color of light emitted from at least one of the other organic luminescent materials.

12. The organic electroluminescent element according to claim 10, wherein each organic luminescent material emits light having a peak wavelength that is different from the peak wavelength of light emitted from at least one of the other organic luminescent materials.

15 13. The organic electroluminescent element according to claim 10, wherein the organic luminescent materials include an organic luminescent material that emits red light, an organic luminescent material that emits blue light, and an organic luminescent material that emits green light.

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14. A lighting system for suppressing generation of ultraviolet light, the lighting system comprising:

a substrate; and

25 an organic electroluminescent element located on the substrate, wherein the organic electroluminescent element includes a plurality of organic luminescent materials having electroluminescent characteristics and suppresses generation of ultraviolet light, wherein the organic luminescent materials are made only of materials that emit light having a wavelength of no less than 380 nm, and wherein the wavelength of light emitted from at least one of the organic luminescent materials is no more than 800 nm.

30 15. The lighting system according to claim 14, wherein the lighting system is used for lighting a place where

attraction of insects is not desired.

16. The lighting system according to claim 14, wherein  
the lighting system is used for lighting a place where a  
5 patient having a light-sensitive disorder is likely to be  
exposed to light.

17. The lighting system according to claim 14, wherein  
the lighting system is used for lighting a place where a  
10 patient having xeroderma pigmentosum syndrome is likely to be  
exposed to light.

18. The lighting system according to claim 14, wherein  
the lighting system is used for lighting an exhibit.

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19. An organic electroluminescent element comprising  
an organic luminescent material having electroluminescent  
characteristics and which suppresses generation of ultraviolet  
light, wherein the organic luminescent material is made only  
20 of a material that emits light having a peak wavelength of  
which that is within a visible light range.

20. The organic electroluminescent element according  
to claim 19, wherein the organic luminescent material is one  
25 of a plurality of organic luminescent materials which are  
contained in the organic electroluminescent element, and  
wherein each organic luminescent material emits light having a  
color of that is different from the color of light emitted  
from at least one of the other organic luminescent materials.

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21. The organic electroluminescent element according  
to claim 19, wherein the organic luminescent material is one  
of a plurality of organic luminescent materials which are  
contained in the organic electroluminescent element, and  
wherein each organic luminescent material emits light having a

peak wavelength of that is different from the peak wavelength of light emitted from at least one of the other organic luminescent materials.

5        22. The organic electroluminescent element according to claim 19, wherein the organic luminescent material is one of a plurality of organic luminescent materials which are contained in the organic electroluminescent element, and wherein the organic luminescent materials include an organic  
10 luminescent material that emits red light, an organic luminescent material that emits blue light, and an organic luminescent material that emits green light.

15        23. A lighting system for suppressing generation of ultraviolet light, the lighting system comprising:

            a substrate; and

            an organic electroluminescent element located on the substrate, wherein the organic electroluminescent element includes an organic luminescent material having electroluminescent characteristics and suppresses generation of ultraviolet light, and wherein the organic luminescent material is made only of a material that emits light having a peak wavelength of which that is within a visible light range.  
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25        24. The lighting system according to claim 23, wherein the lighting system is used for lighting a place where attraction of insects is not desired.

30        25. The lighting system according to claim 23, wherein the lighting system is used for lighting a place where a patient having a light-sensitive disorder is likely to be exposed to light.

35        26. The lighting system according to claim 23, wherein the lighting system is used for lighting a place where a

patient having xeroderma pigmentosum syndrome is likely to be exposed to light.

27. The lighting system according to claim 23, wherein  
5 the lighting system is used for lighting an exhibit.